



TOWN OF CHESAPEAKE CITY

108 Bohemia Avenue

Chesapeake City, Maryland 21915-0205

(410) 885-5298

Dear Customer:

Due to the numerous concerns received at Town Hall regarding red water events, we have decided to start adding a corrosion inhibitor to the Town's water supply. The chemical, Klenphos 100 or Zinc polyphosphate will be added to the water treatment process at our water plants. This agent keeps the residual iron that gets through our system in solution rather than precipitating out. Since the red you see sometimes is precipitated iron, this means that red water events, and discoloration in general, should, eventually be reduced. Initially, the frequency of red water events may increase as the inhibitor begins to treat the pipes in the distribution system. This may take 4-6 weeks to settle out. This will be addressed by more frequent hydrant flushing to remove the capture iron from the system. Klenphos will coat the insides of our water delivery pipes with Zinc which will arrest the rusting of the interior of our pipes. This should further reduce the discoloration of our water and protect our old pipes from further deterioration by the corrosive effects or rust oxidation. The addition of Klenphos-100 should greatly enhance the quality of the water supplied to your residence and help reduce the maintenance costs associated with handling red water issues.

Klenphos is used around the region by numerous municipalities with similar iron-laden water problems, and there are no known health risks. It is a clear, odorless liquid that is ANSI/NSF approved for use in public and municipal water systems.

Please bear with us during this transition period. Make sure to check your water for upset conditions before using for drinking or washing light colored laundry. Bottled water and Iron Out will be available for pickup from Town Hall during business hours for those who become affected.

If you have any questions or concerns with regards to the new water treatment process please feel free to give us a call at 410-885-5298.